



## Recent Development of Mechanochemical Synthesis II

Guest Editors:

**Dr. Matej Baláž**

Institute of Geotechnics, Slovak  
Academy of Sciences, 04001  
Košice, Slovakia

**Dr. Varun Chaudhary**

School of Materials Science and  
Engineering, Nanyang  
Technological University,  
Singapore, Singapore

**Dr. Richa Chaudhary**

School of Materials Science and  
Engineering, Nanyang  
Technological University,  
Singapore, Singapore

Deadline for manuscript  
submissions:

**closed (31 July 2021)**

### Message from the Guest Editors

Dear Colleagues,

Recently, mechanochemical synthesis has been used to develop a wide range of materials, including oxides, compounds, alloys, functional materials, core-shell materials, catalysts, magnets, biomaterials, composites, inorganic and organic molecules, pharmaceutical co-crystals, metal-organic frameworks, etc. In addition, mechanochemistry can be significantly applied in waste management and pollution remediation. Mechanochemical processing is an environmentally friendly, green, energy-efficient, and low-cost technique to synthesize such materials. Mechanochemistry offers the potential of promoting interdisciplinary research for breakthrough in science and engineering.

This Special Issue aims to provide a forum for significant research findings of mechanochemical relevance in areas of inorganic/organic chemistry and materials science. Researchers in the field are cordially invited to submit relevant manuscripts for a Special Issue entitled “Recent Development of Mechanochemical Synthesis II” within the journal *Molecules*.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical  
Biology and Phytochemistry,  
University of Münster,  
Corrensstrasse 48, D-48149  
Münster, Germany

## Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous)*)

## Contact Us

*Molecules* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/molecules](http://mdpi.com/journal/molecules)  
[molecules@mdpi.com](mailto:molecules@mdpi.com)  
[X@Molecules\\_MDPI](https://twitter.com/X@Molecules_MDPI)